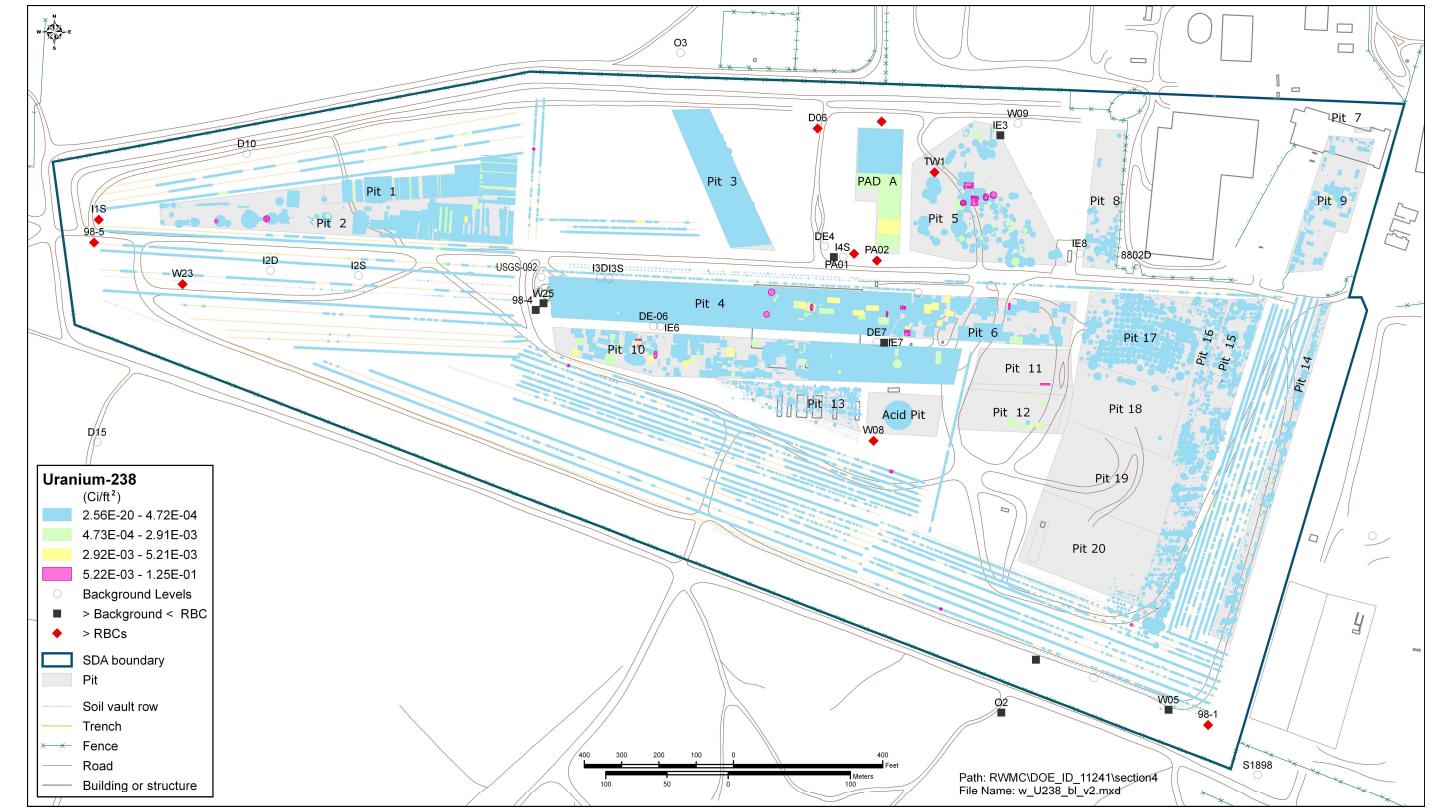
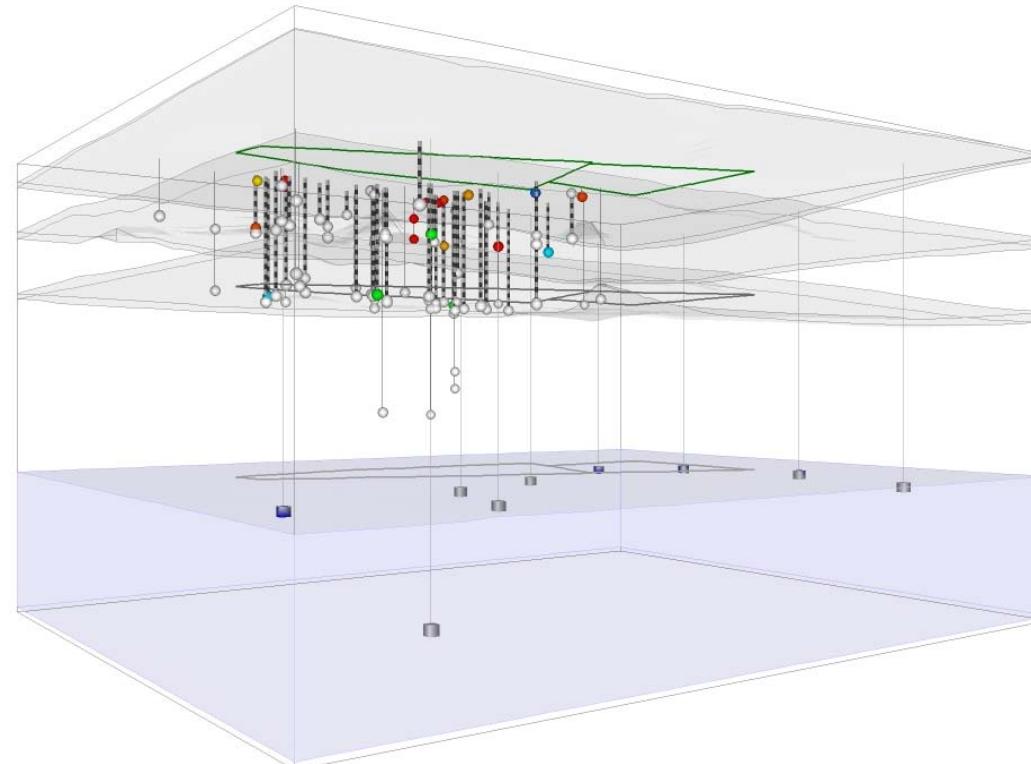
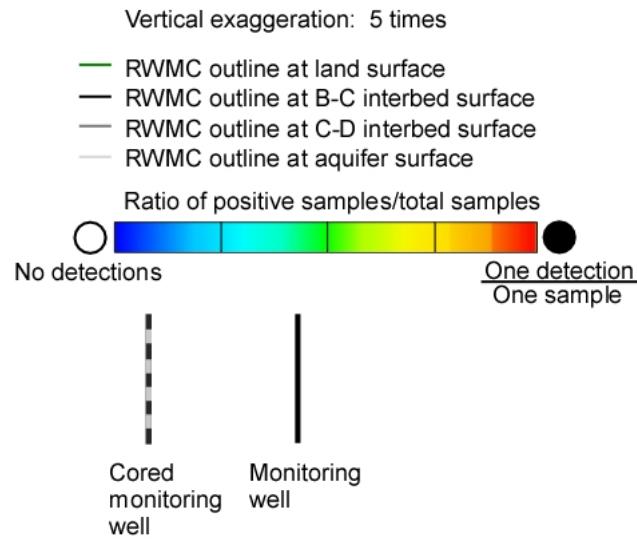
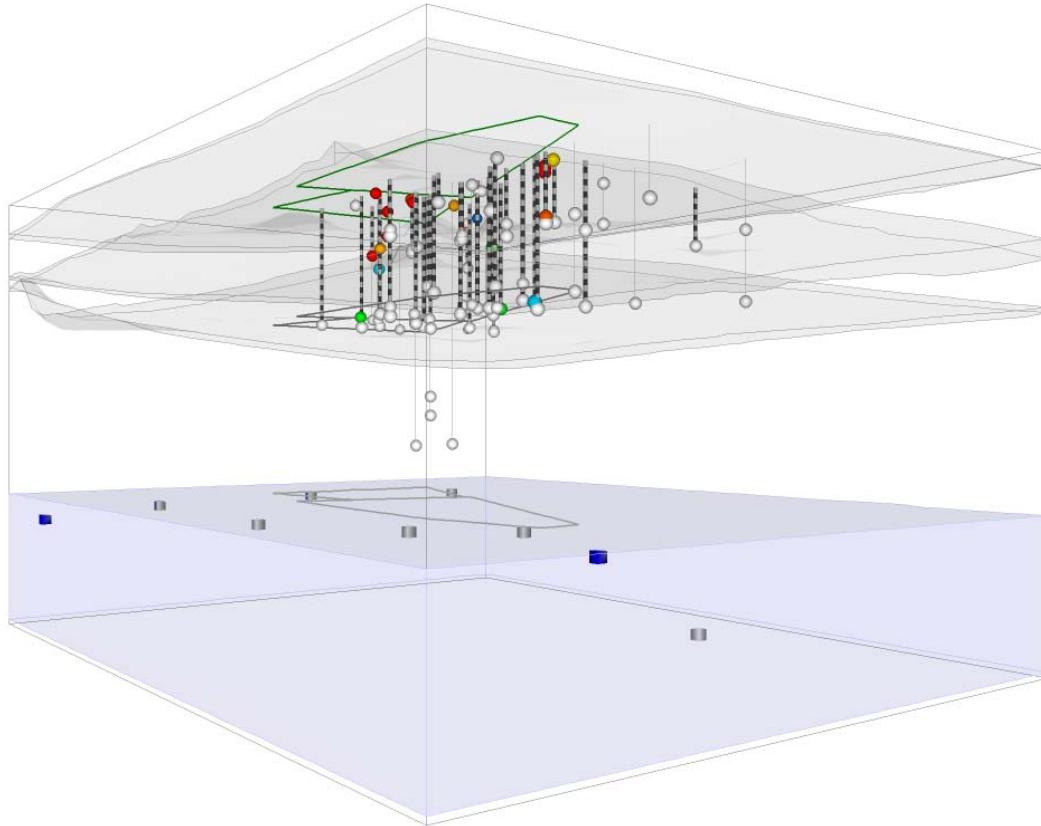


Sources of uranium-235 and uranium-236.

U-235			U-236		
Generator	Inventory (Ci)	Portion from Generator (%)	Generator	Inventory (Ci)	Portion from Generator (%)
Rocky Flats Plant	2.15E+00	43.7	Rocky Flats Plant	9.83E-01	68.0
INTEC	1.00E+00	20.4	RTC	1.74E-01	12.1
RTC	4.86E-01	9.9	Other INL Site	1.21E-01	8.3
Off-INL Site	4.21E-01	8.5	Materials and Fuels Complex	1.05E-01	7.2
Other INL Site	2.60E-01	5.3	Miscellaneous	6.43E-02	4.4
Miscellaneous	5.98E-01	12.2	Total U-236	1.45E+00	100.00
Total U-235	4.91E+00	100.00			

Note: See Table 4-4 for details.

Figure 4-107. Plan view and three-dimensional views of uranium-235/236 detections in vadose zone core, lysimeters, and the aquifer.



Waste streams containing uranium-238.

Waste Stream Code	Portion in Waste Stream (%)	Inventory (Ci)	Waste Stream Description
RFO-DOW-16H	51.3	7.62E+01	Depleted uranium
RFO-DOW-3H	18.8	2.79E+01	Uncemented sludge
PDA-RFO-1A	16.8	2.49E+01	Evaporator salt and roaster oxide (depleted uranium) on Pad A
LLW-trash	5.0	7.39E+00	2000 to 2009 miscellaneous low-level waste
SMC-628-2	1.5	2.31E+00	Unsolidified slag
ARA-627-1H	1.1	1.64E+00	Plastic bags, brick, high-efficiency particulate air filters, scrap, glove boxes, and fuel
Miscellaneous	5.5	8.14E+00	Mostly debris, some fuel-contaminated waste
Total U-238	100.0	1.48E+02	

Figure 4-108. Plan view and three-dimensional views of uranium-238 detections in vadose zone core, lysimeters, and the aquifer.